

**Notice of Allowability**

Application No.

10/806,746

Examiner

ANH H. DO

Applicant(s)

CHANG ET AL.

Art Unit

2624

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment on 8/28/2006.
2. ☒ The allowed claim(s) is/are 22-50.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|  | 9. <input type="checkbox"/> Other _____   |

ANH HONG DO  
PRIMARY EXAMINER

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments, see Remarks (page 13), filed 8/28/2006, with respect to claims 31-34 have been fully considered and are persuasive. The rejection of claims 31-34 has been withdrawn.

### ***Allowable Subject Matter***

2. Claims 22-50 are allowed.

3. The following is an examiner's statement of reasons for allowance:

\* Claim 31 has been amended to overcome the rejection under 35 USC 112, second paragraph;

\* Claims 33 and 34 have been amended to overcome the rejection under 35 USC 101;

\* The present invention provides a new method, system, and computer readable medium for transferring data from a server to at least one client, wherein large amounts of data have been transferred over networks (specification, page 1, second paragraph).

Particularly, the new method, system and computer readable medium comprise the following features, which the prior art taken either singly or in combination does not teach:

- transforming source data into hierarchical representation comprising a plurality of coefficients, said hierarchical representation comprising a plurality of levels of essentially non-redundant data, wherein a level of said hierarchical representation

comprises transform data sufficient to reconstruct said source data at a resolution corresponding to said level (see independent claims 22, );

- transforming source data into hierarchical representation using a wavelet transform with fixed point kernels, said hierarchical representation comprising a plurality of levels of essentially non-redundant data, wherein a level of said hierarchical representation comprises transform data sufficient to reconstruct said source data at a resolution corresponding to said level (see independent claims 23 and 35);

- said transform data generated from one source data using a wavelet transform with fixed point kernels, said hierarchical representation comprising a plurality of levels of essentially non-redundant data, wherein a level of said hierarchical representation comprises transform data sufficient to reconstruct said source data at a resolution corresponding to said level (see independent claims 29, 31 and 33);

- transforming source data into hierarchical representation using a wavelet transform, said hierarchical representation comprising a plurality of levels of essentially non-redundant data, wherein a level of said hierarchical representation comprises transform data sufficient to reconstruct said source data at a resolution corresponding to said level (see independent claims 41 and 42);

- transforming multi-component source data into a vector of multi-spectral transform data comprising a hierarchical representation with a plurality of levels of essentially non-redundant data, wherein a level of said hierarchical representation comprises multi-spectral transform data sufficient to reconstruct said multi-component

source data at a resolution corresponding to said level (see independent claims 43 and 47).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

**Contact Information**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANH H. DO whose telephone number is 571-272-7433. The examiner can normally be reached on 5/4-9.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, MATTHEW BELLA can be reached on 571-272-7778. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

November 3, 2006



**ANH HONG DO**  
**PRIMARY EXAMINER**